

1908 no. 2

New Mexico



VOL. II

1908

Vernon Bailey

U.S. Dept. Agrl.



1908

Chusca Mts.

Oct 12

Cottonwood Pass -  
down east slope.

*Pinus ponderosa* 7000 -

" *edulis* - 7000

*Juniperus scopulorum* - "

" *monosperma* - "

*Yucca baccata* - "

" *narrow leaf* - "

*Cercocarpus parvifolius* -

*Artemisia tridentata* 5000 - 7500

" *arbuscula* 7000 - "

*Opuntia* *subpinnata* - "

" *long white spines* - "

" *fine* " - "

*Cylindropuntia* *lora* - "

*Cowania* *max* - a little at -

*Begonia* *tortifolia* - "

*Gutierrezia* - "

*Atriplex canescens* - "

" *confertifolia* - 5300

*Sarcobatus* - 6000

*Populus wislizeni* ? a few - 5300

*Ephedra antisyphilitica* - 5000



Oct. 13 to Rio Chaca.  
Same plants -

Oct. 14 to Fruitland  
Sarcobatus vermiculatus  
Atriplex canescens  
" confertifolia  
Ephedra  
Bigelovia canescens  
Artemisia tridentata  
Lycium pallidum  
Opuntia spine spines  
Cylindropuntia low  
Yucca angustifolia  
Rumex alata, Raimaqua

Fruitland Oct. 14 -  
Populus asuminata  
Populus wislizeni  
" angustifolia  
Betula occidentalis /  
Salix  
"  
Shepherdia argentea  
Forestiera  
Rhus trilobata  
Artemisia tridentata  
Atriplex canescens  
" confertifolia  
Bigelovia canescens  
"  
Gutierrezia  
Chome  
Senecio douglasii  
Chrysona  
Baccharis  
Rosa  
Glycyrrhiza  
Menatiss  
Helianthus annuus  
Xanthum



San Juan Valley

Grimes Golden best apple  
Jonathan next "  
Arkansas Black "

Rouanbeauties

Barthett pears  
Russell

Oct. 14-19 - Fairland

Aquila herodias	1
Buteo calurus	com
Archibuteo	1
Accipiter velox	1
Peregr	com
Cyanocitta cristata	1. 3,
" diademata	a few
Apheleconia	"
Euphagus	com
Agelaius	com
Molothrus	
Sturnella neglecta	com
Asendramus torquatus	2
Colaptes	com
Dryobates	1
Pipilo archicus	com
Zonotrichia	"
Junco	"
"	"
Otocoris	"
Troglodytes	
Geothlypis auduboni	com
Merula migratoria	"
Myadestes townsendi	1-
Corvus sinuatus	3
Sitta nelsoni	2
Circus	com
Bubo	heard
Sialia arctica + bairdi	



Fauntland

*Cynomys gunnisoni*

*Amospermophilus*

*Neotoma*

*Peromyscus*

*Perognathus apachus*

*Perodipus longipes*

"

*Dipodomys spectabilis*

*Thomomys arvensis*

*Lepus texensis*

" *barleyi*

" *arizonae*

*Canis estor*

*Urocyon*

*Lynx*

*Mephitis*

*Taxidea*

*Castor*

cuttings

*Erethizon*, a few reported

*Procyon* said not to occur.

Oct. 20 Farmington to Largo

*Falcone mexicana*

*Circus*

*Pica* com all along

*Aquila*

com

*Euphagus*

"

*Aphelocoma*

"

*Zonotrichia*

"

*Junco*

"

*Otocoris*

abund.

*Sturnella*

a few

*Corvus sinuatus*

2

*Passer domesticus*

100 at Largo

Oct. 21 up Largo

*Gallus*

3

*Pica*

a few

*Sialia arctica*

com

*Poliaptila plumbea*

11 or 12

*Junco*

com

*Zonotrichia*

"

*Carpodacus*

5

*Colaptes*

1



Large & Blanco Camp.

*Populus wislizeni*

*Sarcobatus*

*Atriplex canescens*  
*confertifolia*

*Euaeda*

*Eurotia*

*Cylindropuntia* low

*Opuntia* - fine spines

*Bigelovia canescens*

*Pinus edulis*

*Juniperus* (big berry)

*Forestiera*

*Yucca angustifolia*

Oct. 21 Blanco Camp

*Populus wislizeni*

*Juniperus monosperma*

*Pinus edulis*

*Forestiera*

*Atriplex canescens*

*confertifolia*

*Sarcobatus*

*Bigelovia*, leafless

*Gutierrezia*

Oct. 22 Blanco Camp

*Corvus sinuatus* 486 2

*Pica* 475 2

*Pipilo arcticus* 588 1

*mesoleucus* 592 1

*Bubo* heard 375

*Junco*

*Zonotrichia* 554

*Sialia arctica* 768

*Colaptes* 413

*Otocoris* 474

*Amphispiza bilineata* com -

*Cyanus cyaneus* scattered

*Melospiza albicollis* com

*Erethizon* ground squirrels com

*Dipodomys spectabilis* "

*Perodipus* "

*Thomomys* "

*Lepus tex-* "

*ariz-* "

*Cynomys* "

*Taxidea* "



Oct. 23 Kimbitch & Chaca

Falco mex	2	"	355
Buteo calurus	3375	"	3
Aquila	349	"	2
Pipilo maculatus	592	"	com
Carpodacus	519	"	"
Salpinctes	715	"	1
Pasp. domesticus	P. d.		com at Point
Corvus sinuatus	486	1	"
Oryzopsis	702	1	
Otocoris	474	abu.	
Amphispiza nevadensis	574.1		a few
Colaptes	413	1	

Fossil forest in branch of Kimbitch

Oct. 24, Pueblo Point

Atriplex canescens	
" confertifolia	
Bigelovia canescens	
Gutierrezia	
Eurotia lanata	
Opuntia	fine spines
"	round, leafy
Cereus paucispinus	big
Rhus aromatica	in canyon
Juniperus monosperma	common
Pinus edulis	on mesa

Buteo f. calurus	3376
Archibuteo sanctojohannis	1347a
Falco mex	355
Circus	331
Corvus sinuatus	486
Otocoris	474
Sialia arctica	768

a few in canyon

Erethizon	1 dead
Geomys gunnisoni	com, out
Onychomys	1
Perodipus	abu.
Lepus arizonae	1 in house
Neotoma	com
Coyotes	4, abu.
Badgers	com



Oct. 29, Santa Rita.

*Pinus ponderosa*  
*Quercus gambeli*  
" *melulata*  
" *grisea*  
*Pinus edulis*  
*Juniperus monosperma*  
*Coumaria*  
*Cercocarpus*  
*Bigelovia canescens*  
" *hispida*  
*Gutierrezia*  
*Chrysothamnus*  
*Tetradymia canescens*  
*Eurotia*  
*Artemisia tridentata*  
*Atriplex canescens*  
" *confertifolia*

Bluewaters

Oct. 26 to San Rafael

Oct. 26-31 San Rafael

*Populus*  
*Pinus edulis*  
*Juniperus monosperma*  
*Forestiera*  
*Lycium pallidum*  
*Pinus trilobata*  
*Ribes cereum*  
*Opuntia arborescens*  
*Nolina*  
*Sarcobatus*  
*Atriplex canescens*  
*Suaeda*  
*Tumbleweed*  
" *Helianthella* "  
*Fallugia*  
*Bigelovia*  
*Opuntia* fine spines  
" brown spines  
*Cercus* fine spines  
*Helianthus*



Oct. 27 - 3 / San Rafael

Anas boschas	com
Streptopus, Chaulelasmus	"
Nythion carolinensis	a few
Gallinago delicata	1
Oxyechus vociferus	2
Nycteorax	said to be here in summer
Rail, Porzana?	heard
Falco mexicanus	a few
" phalaena	1
Circus	com
Aquila	2
Accipiter velox	1
Buteo?	
Callipepla squamata	said to be here
Zootheryx gambeli	"
" meadewi	"
Sayornis hyloscopus	a few
Colaptes	"
Lanius	"
Otocorvus	numerous
Anthus	a few
Junco	com
Zonotrichia	"
Melospiza lincolni	a few
" montana	"
Rhyacophanes nreowin?	"
Pipilo megalonyx	"
Myadestes townsendi	"
Passer domesticus	com

Marshwren	com
Catherpes	1
Sialia bairdi	com
" arctica	"
Corvus sinuatus	a few
Agelaius	com
Xanthocephalus	said to be here
Sturnella neglecta	com
Aythya americana	1
Recurvirostra	1
Botaurus	1
Geococcyx	1 with one
Mareca nigripinnata	3, Nov. 1.



Oct. 27 - San Rafael

*Eutamias dorsalis*, com  
*Citellus grammurus* 2  
*Cynomys gunnisoni* com  
*Neotoma walpaei*  
"  
*Microtus nevadensis* com  
*Thomomys* scarce  
*Perodipus*  
*Perognathus*  
*Lepus tex*  
" *argus*

Kentner

*Neotoma kay*  
*Vitch*  
*Ceanothus*

Nov. 2 to Grants

Nov. 3 Thoreau to Kentner

*Pinus edulis*  
*Juniperus monosperma*  
" *serotina*  
" *pachyphloea*  
*Begonia canescens*  
*Atriplex canescens*  
*Echinospermum canescens*  
*Yucca baccata*  
*Opuntia*, flat, brown spines.

*Pinus ponderosa*  
*Pseudotsuga*  
*Quercus gambeli*  
*Populus angustifolia*  
*Berberis repens*  
*Salix*  
*Cornus*  
*Ceanothus*  
*Yucca angustifolia*  
*Amelanchier*  
*Populus tremuloides*  
*Ribes pens*  
*Pachystima*  
*Juniperus communis*  
*Symphoricarpos*  
*Ribes* *spines*



Zuni Mts. Nov. 2+3

Melospiza	
Calipygus squamata	6
Circus	1
Dendrocygus	said to be.
Accipiter cooperi	1
" asturinus	2
" velox	2
Circus	2
Cyanocitta	com.
Tringa	"
Zonotrichia	"
Sitta pygmaea	"
Melospiza	"

Thouan

Passer domesticus ab.

Zuni Mts.

Odontocylus hemionus	
" couesi? 1 reported,	
Sciurus aberti	com.
" mogellensis?	
Eutamias	com.
Citellus grammurus	
Cynomys gunnisoni	com.
Neotoma mex.?	"
Microtus mordax - murrayi	
" mogellensis? murrayi	
Erethizon	com.
Thomomys fulvus	"
Lepus robustus?	"
Canis mearnsi	com.
Ursus	a few,
Taxidea	com.
Mephitis	1



Walt Engle & Lam.

*Prosopis glandulosa* Com

" *pubescens* "

*Acacia constricta* a few

" *greggi* ?

*Lalra formosa* Com

*Rhus microphylla* "

*Covillea* "

*Yucca elata* abn

*Lycium (amblyocarpus?)* Com

" *pallidum* "

*Fouquieria* in places "

*Juniperus monosperma* M. Com

*Celtis* in canyon "

*Fraxinus* "

*Elaeagnus* ? *Sapindus* "

*Rhus acavatica* "

*Atriplex canescens* "

*Yucca stricta*

" *elata radiosa* abn

" *macrocarpa* a few

*Dasylirion* on rocks

*Opuntia arborescens* Com

" *leptocaulis* "

" *englemanni* spec.

" brown spined "

" nearly spinous "

" fine white spines "

*Echinocactus wislizeni* Com

*Cereus engelmanni* "



<i>Quercus grisea</i>	N. in canyon
<i>Populus wislizeni</i>	"
<i>Baccharis viminea</i>	along R.
" <i>fr. leaf</i>	"
<i>Forestiera</i>	"
<i>Zizyphus</i>	com.
<i>Vitis arizonica</i>	along R. a few
<i>Ephedra</i> green	com
" blue	"
<i>Koeberlinia</i>	a few
<i>Gutierrezia</i>	abn
<i>Begonia</i>	
<i>Senecio douglasii</i>	com
( <i>Parthenium incanum</i> )	"
( <i>Mariola</i> , rubber plant)	co
<i>Lippia wrightii</i>	"
<i>Lycium pallidum</i>	"
" <i>parviflorum</i>	"

Rio Grande & Engle

<i>Callipepla</i>	293	abn
<i>Zonotrichia</i>	554	com
<i>Junco</i>		"
<i>Pipilo maculosa</i>	542	"
<i>Aphelocoma</i>	480	1
<i>Toxostoma curvirostris</i>	707	1
<i>Dryobates bairdi</i>	396	1
<i>Culaptes</i>	413	3
<i>Salpinctes</i>	713	com
<i>Passer domesticus</i>	P. d.	in both places
<i>Otocoris</i>	474	
<i>Carpodacus</i>	519	3
<i>Circus</i>	1	331
<i>Archibuteo</i> sp.	1	348
<i>Sporophila</i>	1	378
<i>Aquila</i>	1	349



Engls to Rio Grande dam,

*Citellus grammurus* 3  
*Cynomys ludovicianus* abn  
*Neotoma*  
*Dipodomys spectabilis* abn  
*Lepus texianus* com  
 " *a. minor* "  
*Vulpes neomexicanus* 1  
*Canis mearnsi* 1 com.  
*Procyon*, com along R,  
*Mephitis* "  
*Lepus badlandi*, holes

Musilla Park Nov. 8 - 12

*Zenaidura macroura* 1  
*Callipepla squamata* com  
*Lophortyx gambeli* "  
*Colaptes* 2 "  
*Accipiter cooperi* 1  
*Zonotrichia* abn  
*Carpodacus frontalis* com  
*Spizella breweri*? a few  
*Astragalinus psaltria* com  
*Passer domesticus* "  
*Heliodytes* "  
*Toxostoma curvirostris* 1  
*Mimus lucasptera* 3  
*Sialia mex.* 4  
*Agelaius* 1 com  
*Sturnella* 2 "  
*Pyruloxia* 2 "  
*Otocoris* ~~abundant~~ "  
*Anthus* "  
*Tunco* 2 "  
*Geococcyx* tracks com.  
*Sialia mex* 24  
*Lanius* 4  
*Falco phalaena* 1  
*Archibuteo lagopus* 1  
*Sayornis saya* 1 Nov. 11 & 12



Massella Park, No. 7-

Populus wislizeni

Salix

"

"

Prosopis glandulosa

" adorata

Baccharis glutinosa

"

Phacelia borealis

Fraxinus velutina

Sambucus mexicana Tree

Juglans - big perron tree

Atriplex canescens

"

Chilopsis

Lycea radiosa

"

macrocarpa

Ziziphus

Cercaria

Lycium peruvianum torreyi

Amorpha big

Chenopodium spinosum

Cladonia lactuca-like

Eucalyptus

Lamb's ear



On mesa

Covillea	- 5000
Koeberlinia	- "
Flourensia cernua	- "
Krameria canescens	- "
Acacia constricta	- 3500
Koeberlinia	- 5000
Rhus microphylla	- 5500
Yucca radiosa	- "
" macrocarpa	- 500
Ephedra trifurca	- "
Hymenoclea monogyra in wash	
Colosanthus laschinata	" "
Gutierrezia glomerata	- 5000
" linearifolia	"
Baccharis pterinoides	"
Zinnia pumila	"
Opuntia longichiranthus	- 3500
Cereus engelmanni?	
Echinocactus wislizeni	- 5000

Musilla Park

Bandavis apple	
Black bandavis	"
Arkansas black	
Missouri pippin	

Mesa + Organ Mts. Nov. 9

Minasa binuifera	5000 -
Chrysozona lavisiphia	" -
Senecio douglasii	" -
Opuntia arborescens	"
" cycloides	"
Rhus aromatica	"
" premila	"
Quercus arizonica	"
Morus microphylla	"
Celtis reticulata	"
Lignocladia spiciosa	"
Lippia wrightii	"
Garryia wrightii	"
Juniperus pachyphloea	5500 -
Agave appplanata	"
Dasylicium	"
Fraxinus velutinus	"
Cercocarpus paucidentatus	"
Rubus hamatocephalus	6100
Colosanthus wrightii	5500 - 6300
Pinus edulis	" - 6500
Sapindus	"
Yucca baccata	5000 - "



Organ Mts. Nov. 9

*Pinus ponderosa* N.E., 6200-  
*Quercus gambeli* " 6300-  
*Pseudotsuga* " 6500-  
*Robinia muneifera* " 6300-  
*Symphoricarpos muneifera* 6400  
*Platanus* 6300  
*Bromus porteri*, Chess " -  
~~*Sambucus mexicana*~~

Went up to 7050 -  
Highest peak 8900

*Dipodomys spectabilis* 4800-5200  
begins at 8 miles E. of town

*Perodipus ordi*, one found at 4200

Organ Mts Nov. 9

*Apfelocana* a few  
*Cathartes* " "  
*Harporhynchus curvirostris* 3  
*Corpodacus frontalis* com  
*Callipepla squamata* com



Miller Park  
Apples

Bundavis very good  
Black Bundavis better  
Arkansas black best  
Mammoth Blacktwig, very good  
Missouri Pippin " "  
Rhode Island Green " "

Peaches

Alexanders, best early peach  
Crawfords, early + late, very good  
Albertas, very good, sure crop

Plums

Blue plums (Prunes) do well  
Green Gage "

Pears

Not sure crop.

Cherries N.G.

Figs

Have to be protected to live

Grapes

Mission good, standard  
Muscats, do well if huddled in  
Alexanders " "  
Tokay " "  
Flame Tokays, doubtful.

Quinces - do well



Musilla Park

Nov. 13 to El Paso

R.J. (or El Paso SWa. to Chicago

Nov. 14 Liberal Kansas  
to Topeka - dusk

Nov. 15

Rock Island to Chicago

12 M.

Left Chicago 5 PM, Bro.



Plant Catalog 1908

Albuquerque July 28

1420. *Gutierrezia*

1421. *Isocoma drummondii*

*grac*

1422. *Baccharis viminea*

*g.*

1423. *Dasylirion* ~~*canadensis*~~ *seoparia*, Rose

1424. *Chrysothamnus bigelovii* *g.*

1425. *Ephedra antisiphilitica*

~~1426.~~ Marzano Mts. July 30.

1426. *Sorbus scopulina* (Wooten)

1427 ~~*Opuntia*~~ *Edwinia americana* (Wooten)

1428. *Berberis haematocarpa* Wooten

Hachita Aug. 6.

1429. *Condalia spathulata* (Wooten)

1430. *Cassia wislizeni* Rose

Animas Valley,

Aug. 6

1431. *Juglans major*



1908.  
San Francisco Mts. Sept. 4  
1432. *Ceanothus fendleri*  
~~1433~~      "      "

White Mts. Ariz Sept. 13

1433. *Ceanothus fendleri*

1434. *Vicia leavenworthi*, (Wight)

1435. *Alnus tenuifolia* (Wooten)

Thomas Peak 11280 ft, Sept. 12

1436. *Clementina rhodantha* R.

1437. *Pseudocymopterus montanus* R

1438. *Ligusticum porteri* R.

1439. *Gentiana*

1440. *Gentiana*

1441. *Douglasia hoopesii* Quen

1442. *Vaccinium erythrocolum* ?

1443. *Potentilla*



Thomas Peak -

1444. *Pentstemon*

1445. *Pedicularis*

1446. *Companula*

1447. *Solidago parryi*

Green

1448. *Senecio rubryi*

"

1449 *Pieradenia*

"

1450 *Achillea lanulosa* Green

"

1451. *Draba*

1452. *Draba*

1453. *Arenaria*

1454. "

1455

1456. *Fern*



Las Lunas Sept. 18  
1457. *Cowania mexicana*

Zuni Valley Sept. 22  
1458. *Chrysothamnus graveolens* - Green

1459. *Chrysothamnus moquianus* "

1460. *Chrysothamnus stenophyllus* "

1461. *Populus wislizeni* (Wooten)

Chusea Mts., E. Slope, 7000, Oct. 12

1461<sup>a</sup> *Asteriscia arbuscula*?

1462. *Asteriscia tridentata*

Fruitland Oct. 18  
1463. *Chrysothamnus linifolius* - Green

1464. *Baccharis* sp. nov.

1465. *Chrysothamnus graveolens* - Green

1466. *Adelia monesiana* - Green



Organ mts. Nov. 9

1467. *Berberis haematocarpa* Wooten

1468. " "

from type bush.

1469. *Sambucus mexicana* - Wooten

Chusea mts.

1470. *Yucca angustifolia*? on sp. rock.

San Rafael

1471. *Nolina*

Rocky Creek, 8000 feet.

1472. *Ribes pinetorum*, <sup>Coville</sup> spiny berry

Escudilla mts.

1473. *Ribes pinetorum* Coville

1474. *Ribes inebrians* (red current) C.

Thomas Peak 11280 feet

1475. *Ribes montigenum* (red) C.

White mts. 8500 feet.

1476. *Ribes wolfii*, (blue) C.

~~Escudilla mts.~~

1477. *Ribes inebrians* (red) C.

1478. *Ribes pinetorum* (spiny) C.

1479. " " C.

1480. " *wolfii* (blue) C.



Hachita, N.M. (15 mi. E)

1481. *Juniperus scopulorum*?

Las Tusas Ariz.

1482. *Juniperus scopulorum*?

Chusca Mts, N.M. 8000 ft

1483. *Juniperus scopulorum*

Canyon Largo

1484. *Juniperus utahensis*

Canyon Blanco

1485. *Juniperus gymnocarpa*

San Rafael

1486. *Juniperus gymnocarpa*

Engle Dam

1487. *Juniperus monosperma*

Zuma Valley

1488. *Quercus ~~agabum~~ gambeli*

Zuni Mts.

1489. *Quercus gambeli*

Organ Mts.

1490. *Quercus gambeliana*

1491. " *arizonica*



Silver City N.M.  
1493. *Juglans major*

Playas Valley  
1494. *Juglans major*







Meallo Park N.M.

Wooton

Prof. Fabian Garcia

A.

Garrison

Prof

Hummel

Standley

Ollinger

Dies

N. N. Hozer

W. S. Gillean

S. P. Stewart

J. C. Robbins

E. T. Turney

J. G. Stewart

O. C. Snows

Hiram Hadley

Dr. Robertson

Misilla, N.M.

Dr. Hines

W. C. Reynolds

Capt. Wilkason

Victoria, N.M.

F. H. White

W. M. Mead

J. H. Potter

P. H. Hanson

Peter Applegoller

Las Cruces, N.M.

Rio Grande Republican

James Quisenberry

Robt. Elwood

Wilber Sampson

P. R. Birdwell

H. M. Peterson

John McClure

Frank Crop

Berino N.M.

D. J. Jones

C. A. Thompson

J. G. Kildore

C. E. Stark

John McNare

J. L. Thompson

Anthony N.M.

P. H. Bailey

C. E. Miller

Royal Jackman



Transportation orders

Washington to Albuquerque	50.00
El Paso to Deming	5.00
Thouan to Albuquerque	5.05
Albuquerque to Eagle	5.65
El Paso to Wash.	52.70
	<hr/>
	123.40

Expense Accts.

July.	48.00
Aug.	126.80
Sept.	179.40
Oct.	172.40
Nov.	83.40
	<hr/>
	610.00
	123.40
	<hr/>
	733.40



N. L. Langdon, Treasurer  
H. DeFries, Ariz.

J. B. Moore, Crystal, NM  
Cyril James Callier  
Fruitland, NM.

Grever Johnson, Farmington

F. T. Annot, Blanes

Jos. Schmiedding, Puget Sound  
Putnam, N. H.

C.B. Russell, Bluewater

Dr. Chas M. Grover,  
San Rafael  
Eduardo Garcia,  
Miss. Hester

Bluewater Irrigation Co.  
Albuquerque,  
for Belcher

Hist. of New Mex.  
Pae, Pub. Co. 1907.

Alfred Hardy  
Blanco, N.M.,  
Indian Town, on Blanco

Rescue Grass  
get information for Mrs. H.

#7 Brock, Grant Mm.

Tobe J. Childers  
San Rafael, N. M.

R. E. Kennedy  
Thoreau, 121st  
for photo of self + Squaw

Marcus Bergerot  
Los Angeles  
Dogate Bull sent



Sliding our lips petal  
waters

Thou art coming

O land of Rest

Sowing the Seed

Sweet Byr + Byr

Shall we Meet

A. W. Wright

Hancock, Mich

Box 97

1100, 353, 195

370, 45, 93

597, 94, 143

— — 142

120, 56, 17

370, 170, 41

Holkiss Cr. \$15.00

13.65

1.35

Camera 11.25

3 film packs 2.40

13.65

2 film packs 1.40

15.25

main 3571



